



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Yulun Wang et al.

Application No.: 10/660,886

Filed: September 12, 2003

For: A HEALTHCARE TELE-ROBOTIC SYSTEM WITH A
ROBOT THAT ALSO FUNCTIONS AS A REMOTE
STATION

Examiner: Unknown

Art Group: Unknown

INFORMATION DISCLOSURE STATEMENT

COMMISSIONER FOR PATENTS

P.O. Box 1450

Alexandria, VA 22313-1450

Dear Sir:

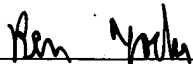
In accordance with Applicant's duty of disclosure under 37 CFR §1.56, and in accordance with 37 CFR §§1.97-1.98, Applicant submits the enclosed modified Form PTO/SB/08A. The above-referenced patent application was filed after June 30, 2003, therefore Applicant does not submit each cited U.S. patent and U.S. patent application publication, as allowed by the U.S.P.T.O. waiver of 37 CFR 1.98 (a)(2)(i).

It is hereby stated that this Information Disclosure Statement is being filed prior to the issuance of the initial Office Action, and therefore, no petition or fee is required. However, in the event a petition is needed for consideration of this Information Disclosure Statement, Applicant hereby so petitions. Please charge any fee due to Deposit Account No. 09-0946.

Respectfully submitted,

IRELL & MANELLA LLP

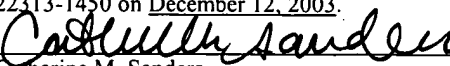
Dated: December 12, 2003


Ben Yorks, Reg. No. 33,609

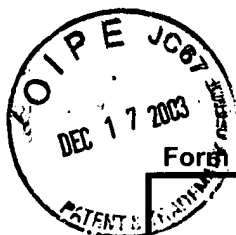
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Catherine M. Sanders

12-12-03
Date



Form PTO/SB/08A (Modified)

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if known	
				Application Number	10/660,886
				Filing Date	September 12, 2003
				First Named Inventor	Yulun Wang
				Group Art Unit	Unknown
				Examiner Name	Unknown
Sheet	1	of	2	Attorney Docket Number	157438-0008 (P006)

U.S. PATENT DOCUMENTS						
Examiner Initials	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code			
	1	5,374,879		Pin et al.	12-20-1994	
	2	5,959,423		Nakanishi et al.	09-28-1999	
	3	6,292,713	B1	Jouppi et al.	09-18-2001	
	4	6,346,950	B1	Jouppi	02-12-2002	
	5	6,430,471	B1	Kintou et al.	08-06-2002	
	6	6,369,847	B1	James et al.	04-09-2002	
	7	6,535,793	B2	Allard	03-18-2003	
	8	6,549,215	B2	Jouppi	04-15-2003	
	9	6,259,806	B1	Green	07-10-2001	
	10	6,463,361	B1	Wang et al.	10-08-2002	
	11	6,491,701	B2	Tierney et al.	12-10-2002	
	12	6,496,099	B2	Wang et al.	12-17-2002	
	13	2002/0058929	A1	Green	05-16-2002	
	14	2002/0183894	A1	Wang et al.	12-05-2002	
	15	2002/0141595	A1	Jouppi	10-03-2002	
	16	2001/0054071	A1	Loeb	12-20-2001	
	17	2002/0027597	A1	Sachau	03-07-2002	
	18	2003/0050733	A1	Wang et al.	03-13-2003	
	19	2002/0063726	A1	Jouppi	05-30-2002	
	20	2002/0057279	A1	Jouppi	05-16-2002	
	21	2003/0151658	A1	Smith	08-14-2003	
	22	2002/0120362	A1	Lathan et al.	08-29-2002	
	23	2002/0130950	A1	James et al.	09-19-2002	

FOREIGN PATENT DOCUMENTS							
Examiner Initials	Cite No.	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Office	Number	Kind Code			
	24	CA	2289697	A1	Fels et al.	11-12-1998	

Examiner: _____ Date Considered: _____

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



Form PTO/SB/08A (Modified)

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet

2

of

2

Complete if known

Application Number	10/660,886
Filing Date	September 12, 2003
First Named Inventor	Yulun Wang
Group Art Unit	Unknown
Examiner Name	Unknown
Attorney Docket Number	157438-0008 (P006)

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	25	PAULOS et al., "A World Wide Web Telerobotic Remote Environment Browser", http://vive.cs.berkeley.edu/capek , 1995
	26	Telepresence Research, Inc., "Telepresence Mobile Robot System", http://www.telepresence.com/telepresence-research/TELEROBOT/ , February 20, 1995
	27	ZORN, Benjamin G., "Ubiquitous Telepresence", http://www.cs.colorado.edu/~zorn/ut/vision/vision.html , March 5, 1996
	28	PAULOS, et al., "Ubiquitous Tele-embodiment: Applications and Implications", International Journal of Human Computer Studies, June 1997, vol. 46, no. 6, pp. 861-877
	29	PAULOS, et al., "Designing Personal Tele-Embodiment", Presented at the IEEE International Conference on Robotics and Animation, Leuven, Belgium, May 20, 1998
	30	HARMO et al., "Moving Eye – Interactive Telepresence Over Internet With a Ball Shaped Mobile Robot", 2000
	31	LOEB, Gerald, "Virtual Visit: Improving Communication for Those Who Need It Most", 2001
	32	PAULOS, Eric John, "Personal Tele-Embodiment", 2001
	33	HEES, William P., "Communications Design for a Remote Presence Robot", January 14, 2002
	34	JACOBS et al., "TeleRehab: Applying Telemedicine to Outpatient Physical Therapy", 2002
	35	JOUPPI, et al., "Mutually-Immersive Audio Telepresence", Audio Engineering Society Convention Paper, presented at 113 th Convention October 2002
	36	JOUPPI, Norman P., "First Steps Towards Mutually-Immersive Mobile Telepresence", 2002
	37	BAUER, Jeffrey C., "Service Robots in Health Care: The Evolution of Mechanical Solutions to Human Resource Problems", June 2003
	38	EILLISON et al., "Telerounding and Patient Satisfaction Following Surgery"

Examiner: _____ Date Considered: _____

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PTO/SB/21 (08-03)

Approved for use through 08/30/2003. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/660,886
	Filing Date	September 12, 2003
	First Named Inventor	Yulun Wang
	Art Unit	Unknown
	Examiner Name	Unknown
Total Number of Pages in This Submission	Attorney Docket Number	157438-0008 (P006)

ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance communication to Technology Center (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): - Form SB/PTO/08 (2 pgs) - 15 references - Return postcard
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT		
Firm or Individual name	Ben J. Yorks	
Signature		
Date	December 12, 2003	

CERTIFICATE OF TRANSMISSION/MAILING			
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Signature		Date	December 12, 2003

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PTO/SB/17 (08-03)

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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

FEE TRANSMITTAL for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 0.00

Complete if Known

Application Number	10/660,886
Filing Date	September 12, 2003
First Named Inventor	Yulun Wang
Examiner Name	Unknown
Art Unit	Unknown
Attorney Docket No.	157438-0008 (P006)

METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit card ☐ Money Order ☐ Other ☒ None

☐ Deposit Account:

Deposit
Account
Number
Deposit
Account
Name

09-0946

Irell & Manella LLP

The Director is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☒ Credit any overpayments

☒ Charge any additional fee(s) during the pendency of this application

☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1001 750	2001 375	Utility filing fee	
1002 330	2002 165	Design filing fee	
1003 520	2003 260	Plant filing fee	
1004 750	2004 375	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	

SUBTOTAL (1) (\$) 0.00

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

	Extra Claims	Fee from below	Fee Paid
Total Claims	-20** =	X	
Independent Claims	-3** =	X	
Multiple Dependent			

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
1202 18	2202 9	Claims in excess of 20
1201 84	2201 42	Independent claims in excess of 3
1203 280	2203 140	Multiple dependent claim, if not paid
1204 84	2204 42	** Reissue independent claims over original patent
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$) 0.00

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	Surcharge - late filing fee or oath	
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 130	Non-English specification	
1812 2,520	1812 2,520	For filing a request for <i>ex parte</i> reexamination	
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
1251 110	2251 55	Extension for reply within first month	
1252 410	2252 205	Extension for reply within second month	
1253 930	2253 465	Extension for reply within third month	
1254 1,450	2254 725	Extension for reply within fourth month	
1255 1,970	2255 985	Extension for reply within fifth month	
1401 320	2401 160	Notice of Appeal	
1402 320	2402 160	Filing a brief in support of an appeal	
1403 280	2403 140	Request for oral hearing	
1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revive - unavoidable	
1453 1,300	2453 650	Petition to revive - unintentional	
1501 1,300	2501 650	Utility issue fee (or reissue)	
1502 470	2502 235	Design issue fee	
1503 630	2503 315	Plant issue fee	
1460 130	1460 130	Petitions to the Commissioner	
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)	
1806 180	1806 180	Submission of Information Disclosure Stmt	
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	
1809 750	2809 375	Filing a submission after final rejection (37 CFR 1.129(a))	
1810 750	2810 375	For each additional invention to be examined (37 CFR 1.129(b))	
1801 750	2801 375	Request for Continued Examination (RCE)	
1802 900	1802 900	Request for expedited examination of a design application	

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) 0.00

SUBMITTED BY

Name (Print/Type)	Ben J. Yorks	Registration No. (Attorney/Agent)	33,609	Telephone	949-760-0991
Signature		Date	December 12, 2003		

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